

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016906.D
 Acq On : 03 Jan 2024 11:30
 Operator : SY/MD
 Sample : VY0103SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben
 Patel

Quant Time: Jan 04 00:30:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.807	168	132545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	226865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	193895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	65269	49.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.640%
35) Dibromofluoromethane	7.740	113	70563	48.810	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.620%
50) Toluene-d8	10.197	98	254900	51.203	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.496	95	81627	48.600	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	22994	21.161	ug/l	97
3) Chloromethane	2.125	50	32237	20.704	ug/l	95
4) Vinyl Chloride	2.266	62	38544	20.987	ug/l	99
5) Bromomethane	2.668	94	27461	20.871	ug/l	92
6) Chloroethane	2.808	64	25651	20.647	ug/l	98
7) Trichlorofluoromethane	3.144	101	47643	21.054	ug/l	98
8) Diethyl Ether	3.546	74	14396	19.906	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.918	101	31860	21.653	ug/l	98
10) Methyl Iodide	4.113	142	24722	19.750	ug/l	98
11) Tert butyl alcohol	4.985	59	10661	90.711	ug/l	97
12) 1,1-Dichloroethene	3.887	96	26138	20.704	ug/l	95
13) Acrolein	3.747	56	16596	111.823	ug/l	97
14) Allyl chloride	4.509	41	41097	20.592	ug/l	98
15) Acrylonitrile	5.192	53	33731	99.716	ug/l	97
16) Acetone	3.967	43	40791	113.122	ug/l	97
17) Carbon Disulfide	4.223	76	58445	19.375	ug/l	100
18) Methyl Acetate	4.503	43	24209	17.249	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	64303	19.578	ug/l	99
20) Methylene Chloride	4.741	84	39095	18.076	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	29765	20.586	ug/l	94
22) Diisopropyl ether	6.143	45	95941	20.793	ug/l	99
23) Vinyl Acetate	6.088	43	219954	103.966	ug/l	99
24) 1,1-Dichloroethane	6.045	63	57471	20.727	ug/l	98
25) 2-Butanone	7.009	43	50126	106.561	ug/l	98
26) 2,2-Dichloropropane	7.003	77	49845	20.734	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	35308	20.832	ug/l	99
28) Bromochloromethane	7.356	49	19535	18.767	ug/l	100
29) Tetrahydrofuran	7.374	42	25064	94.530	ug/l	98
30) Chloroform	7.533	83	59674	20.884	ug/l	100
31) Cyclohexane	7.807	56	47191	20.989	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	50902	21.010	ug/l	99
36) 1,1-Dichloropropene	7.941	75	43446	20.621	ug/l	99
37) Ethyl Acetate	7.094	43	19552	20.421	ug/l	97
38) Carbon Tetrachloride	7.923	117	43793	20.459	ug/l	93
39) Methylcyclohexane	9.203	83	47298	19.970	ug/l	96
40) Benzene	8.179	78	127627	20.194	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	10010	19.851	ug/l	96
42) 1,2-Dichloroethane	8.252	62	33769	20.126	ug/l	100
43) Isopropyl Acetate	8.289	43	34503	18.818	ug/l	99
44) Trichloroethene	8.960	130	32851	20.427	ug/l	98
45) 1,2-Dichloropropane	9.234	63	32937	20.229	ug/l	95
46) Dibromomethane	9.319	93	15915	19.166	ug/l	99
47) Bromodichloromethane	9.514	83	44340	19.885	ug/l	99
48) Methyl methacrylate	9.313	41	19166	19.370	ug/l	97
49) 1,4-Dioxane	9.319	88	3462	402.647	ug/l	94
51) 4-Methyl-2-Pentanone	10.087	43	90404	92.715	ug/l	100
52) Toluene	10.258	92	77397	20.292	ug/l	97
53) t-1,3-Dichloropropene	10.484	75	39145	19.598	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	47231	19.690	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	23980	19.767	ug/l	96
56) Ethyl methacrylate	10.526	69	19245	18.729	ug/l	96
57) 1,3-Dichloropropane	10.807	76	39750	19.625	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.801	63	52466	92.920	ug/l	99
59) 2-Hexanone	10.849	43	69211	96.397	ug/l	98
60) Dibromochloromethane	11.002	129	27586	19.718	ug/l	98
61) 1,2-Dibromoethane	11.106	107	20858	19.789	ug/l	98
64) Tetrachloroethene	10.740	164	25322	20.144	ug/l	96
65) Chlorobenzene	11.532	112	81400	20.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	30384	19.788	ug/l	99
67) Ethyl Benzene	11.612	91	147890	20.337	ug/l	100
68) m/p-Xylenes	11.721	106	110190	41.281	ug/l	99
69) o-Xylene	12.044	106	50136	20.036	ug/l	99
70) Styrene	12.063	104	74072	20.339	ug/l	100
71) Bromoform	12.227	173	14543	19.240	ug/l #	98
73) Isopropylbenzene	12.343	105	141201	20.464	ug/l	100
74) N-amyl acetate	12.160	43	26458	19.085	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	27119	19.289	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	17512m	19.098	ug/l	
77) Bromobenzene	12.624	156	29609	19.490	ug/l	98
78) n-propylbenzene	12.685	91	173046	20.629	ug/l	100
79) 2-Chlorotoluene	12.770	91	95681	20.569	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	113781	20.850	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7777	19.259	ug/l	94
82) 4-Chlorotoluene	12.873	91	97245	20.463	ug/l	99
83) tert-Butylbenzene	13.093	119	100605	20.931	ug/l	100
84) 1,2,4-Trimethylbenzene	13.136	105	110586	20.577	ug/l	100
85) sec-Butylbenzene	13.270	105	148821	20.896	ug/l	99
86) p-Isopropyltoluene	13.386	119	121593	20.687	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	59855	20.089	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	58843	20.192	ug/l	99
89) n-Butylbenzene	13.715	91	117378	20.770	ug/l	99
90) Hexachloroethane	13.977	117	25428	20.132	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	51079	19.838	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3142	17.822	ug/l	95
93) 1,2,4-Trichlorobenzene	15.026	180	25406	19.870	ug/l	98
94) Hexachlorobutadiene	15.129	225	16936	21.144	ug/l	99
95) Naphthalene	15.251	128	41798	19.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	21064	19.402	ug/l	98

01/04/2024
 Supervised By :Mahesh
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Supervised By :Mahesh
Dadoda

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